"Amateur Radio: Combining communication experience with modern digital techniques."

SARL Digital Contest 27 June
IARU HF Championships 10 and 11 July

International Perspective: Forthcoming IARU Activities at the ITU

Working Parties 1A and 1B of the International Telecommunication Union's (ITU) Study Group 1 will meet in Geneva from 21 to 28 June. A major item of discussion will be protection of radio services from interference from Broadband over Powerline (BPL), called Power Line Communications (PLC or PLT) in Europe.

The International Amateur Radio Union (IARU) has already contributed to the ITU-R report SM2158, Impact of Power Line Telecommunication Systems on Radiocommunication Systems Operating in the LF, MF, HF and VHF Bands below 80 MHz. This report shows the acceptable criteria for degradation of the HF radio noise floor caused by BPL is defined as being 0.5 dB. Work in WP1A will concentrate on the protection of radio services from the effects of BPL in range from 80 - 200 MHz.

Read more at http://www.arrl.org/news/forthcoming-iaru-activities-at-the-itu.

Ham Radio at Friedrichshafen

Every year for the past 35 years, the DARC, the German Amateur Radio Society arranges and presents Ham Radio at the Messe at Friedrichshafen in southern Germany – just across the road from the Messe is the most impressive Zeppelin Museum.

Ham Radio 2010 is the meeting place of amateur radio in Europe and I am told that some 18 000 radio amateurs visit the event. In addition, it is not only radio amateurs from Europe who attend – I saw radio amateurs from Australia and Argentina, from the USA and Canada and from the Middle East. I am sure that each and every European country is represented in the crowds. It is the meeting of old friends and the making of new friends.

I saw one huge hall filled with stalls from various member societies – ARRL, RSGB, UBA - Belgium, PZK – Poland, USKA – Switzerland, DARC – Germany (not the Durban amateur radio club), RAAG – Greece, Italy, Slovakia, Croatia, Turkey to mention some. ICOM, Yaesu, Kenwood, WIMO had stands and doing business – there are too many to mention. It is antennas, radios, amplifiers, computers, QRP, QSLs, tools, etc, etc. At one of the DARC stands, young people had the opportunity to do basic kit building, at the ARRL stand, you could have your QSL cards checked for DXCC awards.

There are two large halls for the flea markets – I estimate the halls are 120 metre long by 100 metres wide with 10 rows of tables (if not more) running down the length – I saw everything a radio amateur would need. Vintage radios, military radios, valves, test equipment, components, computers, too much to mention. The flea market items come from Germany, Switzerland, France, Hungary, Slovenia and many more.

June 2010

1 – 11 ZS10WCS operated by the members of PEARS ARC

12 – 21 ZS10WCS operated by Rietkol ARC

22/6 – 1/7 ZS10WCS operated by Northern Cape ARC

2 closing date SARL 80 m Club CW contest

4 International Day of innocent Children

5 World Environmental Day

7 Closing date ZS4 logs

9 Schools Close

11 World Cup Soccer starts

14 World Blood Donor Day

15 World Awareness Day of Abuse of Older People

16 Youth Day; SARL Youth Day Sprint

17 World QRP Day

17 - 20 SARL 160 metre QSO Party

20 Father's Day

20/6 – 8/7 Grahamstown Festival

21 Winter Solstice

25 – 27 Ham Radio, Friedrichshafen

26 – 27 ARRL Field Day

27 SARL Digital Contest

July 14

2 – 12 ZS10WCS operated by East Rand ARC

1 closing date Youth Day logs

3 Durban July; Wimbledon Ladies Final

4 Wimbledon Men's Final

6 closing date Top Band logs

10 - 11 IARU HF Championships

12 closing date Digital contest logs; closing of World Cup Soccer

13 Schools open

There is a programme of lectures and interactive sessions covering a wide variety of subjects – this while the flea market and main hall are filled with people, people eating, drinking and enjoying themselves. The programme for Ham Radio 2010 was sent out on the HF Happenings mailing list some time ago.

There are two restaurants and about six different places to get a plate of food and beer or cooldrinks. There is a caravan park and a camping site – if you do not want to stay in a hotel.

All the prices are marked in Euros – main hall and flea market. The exchange rate is about R9 something to the Euro and I saw a new laptop with Windows 7 for 79 Euro - about R711! What do we pay for a loptop? I purchased a SMA to BNC adaptor and a K400 antenna mount for 39 Euro (about R270). I am too scared to ask what the price is in South Africa - double, triple?

I believe every radio amateur should attend Ham Radio in Friedrichshafen! It has been a fantastic experience for me and one that I will remember for a long time. Maybe we should get a South African contingent to Ham Radio in Friedrichshafen – Emirates offer good prices between Johannesburg and Zurich, then by train, ferry and bus to southern Germany. Bring your tent and sleeping bag and toothbrush!

Read more in the next issue of Radio ZS.

WRTC Call Sign Announcement

The General Radio Frequency Centre of the Russian Federation has just issued special call signs to be used during the WRTC-2010 and the 2010 IARU HF World Championship Contest (10 and 11 July).

Call signs are as follows - R31A, R31D, R31N, R31U, R31X, R32C, R32F, R32K, R32O, R32R, R32W, R32Z, R33A, R33G, R33L, R33M, R33Q, R33U, R34C, R34D, R34O, R34P, R34W, R34X, R34Y, R34Z, R36C, R36F, R36K, R36O, R36W, R36Y, R36Z, R37A, R37G, R37L, R37M, R37P, R37Q, R37U, R38F, R38K, R38N, R38O, R38W, R38X, R39A, R39D, R39M and R39R.

The World Radiosport Team Championship (WRTC) is the major amateur radio contest event of year 2010. The WRTC-2010 will take place near Russia's capital Moscow where 50 teams from all over the world will compete in the same field conditions. For more details about the event and rules on the contest, visit http://www.wrtc2010.ru/?id=39

Ethics and Operating Procedures for the Radio Amateur

Over the past decades, the behaviour of the radio amateurs on the bands has significantly deteriorated. In 2008, John

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"There can be no keener revelation of a society's soul than the way in which it treats its children." Nelson Mandela

Devoldere, ON4UN and Marc Demeuleneere, ON4WW, wrote a comprehensive document entitled "Ethics and Operating Procedures for the Radio Amateur", a document aiming to become a universal guide for newcomers and old-timers alike on the subject of operating ethics and operating procedures. In 2008, this document was accepted by the IARU Administrative Council, the highest body of the IARU, as representing the point of view of the IARU on the subject. Two years later the manual has been translated in more than 25 languages, with more coming. To achieve easier access to all of the existing versions, the authors have set up a website, www.ham-operating-ethics.org.

You can download PDF files directly from the site or via the National Societies' websites in the different countries.

Pirate Alert

It was announced that a station signing TS7C has been active. The call sign TS7C was a DXpedition to Kerkenah, Tunisia, in January 2009. This call sign is unique and has not been reissued. All activity in 2010 under this call sign is the work of a pirate.

African DX

Togo, 5V7 - change in plans. The announced DXpedition to Gabon (TR) by the Italian team lead by Silvano, I2YSB, has been cancelled.

The new destination for the Italian team will now be Togo, 5V, and the operation will take place during the month of October. The team will be the same. They plan to operate with three stations on all the bands. No other details have been provided other than the pilot station will be IK7JWY. An opened survey on I2YSB's Web page is now available to list your wants for bands and modes at http://www.i2ysb.com/joomla5. More details should be forthcoming.

Zambia, 9J. Katsumi, JF1OKX will be staying in Lusaka, Zambia until the end of September 2011. He plans to start operations on the amateur radio bands (80 - 6 metres) as 9J2KK "during the first 10 days of July." He will concentrate on the digital modes (PSK31 or 62, RTTY, WSJT and SSTV), with some SSB and CW. QSL via JK1NSR.

Madeira Islands, CR3. Jose, CT1BOH, will be active as CR3E from Madeira Island (IOTA AF-014, Grid IM12ju, ITU Zone 36) during the 2010 IARU HF World Championship Contest (10 and 11 July). QSL via W3HNK. Visit his contest page at http://www.qsl.net/ct1boh

Seychelles, S7. Juan Carlos, EA2RC, will be active as S79SAL from Mahe Island between 18 and 31 July. Activity will be on the HF bands using SSB, RTTY and PSK31. QSL via his home call sign, by the Bureau or direct. Remember, to look for S79SAL to join Marq, CT1BWW/S79BWW, during his first official WFF (World Flora Fauna) DXpedition on Seychelles - reference number WFF004.

For more details, see the Web site at http://www.ct1bww.com/s79bww

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 21 June to 28 June 2010.

Run for the Bacon QRP Contest	Mode: CW
01:00 - 03:00 UTC 21 June	Bands: 160, 80, 40, 20, 15 and 10 m

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Classes: Single band; All band
Max power: 5 watts
Exchange: RST, state, province or country and Member no or power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent
Multipliers: Each state, province or country once
Multiply mults by 2 if >50 members worked
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 27 June 2010
E-mail logs to: (none)
Upload log at:
http://www.fpqrp.com/autolog.php
Mail logs to: (none)
Find rules at:
http://www.fpqrp.com/fpqrprun.php

SKCC Sprint
00:00 - 02:00 UTC 23 June
Mode: CW
Bands: 160, 80, 40, 20, 15 and 10 m
Classes: (none)
Exchange: RST, name and state, province or country and SKCC no or power
Work stations: Once per band
QSO Points: 1 point per QSO; Bonus Points: 5 points per Centurion member QSO per band; 10 points per Tribune member QSO per band; 25 points per QSO with SKCC club call (K9SKC) per band
Multipliers: Each state, province or country once
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 23:59 UTC 25 June 2010
E-mail log summary to: (none)
Post log summary at:
http://www.skccgroup.com/sprint/sks/sks-submit.html
Mail logs to: (none)
Find rules at:
http://www.skccgroup.com/sprint/sks/

RSGB 80 m SSB Club Championship

19:00 - 20:30 UTC 24 June
Mode: SSB
Bands: 80 m Only
Classes: (none)
Exchange: RS and serial no
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: (see rules)
Submit logs by: 1 July 2010
Upload log at:
http://www.vhfcc.org/cgi-bin/hfenter.pl
Mail logs to: (none)
Find rules at:
http://www.rsgbcc.org/hf/rules/2010/r80mcc.shtml

NCCC Sprint
02:30 - 03:00 UTC 25 June
Mode: (see rules)
Bands: (see rules)
Classes: (none)
Exchange: (see rules)
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 27 June 2010
E-mail logs to: (none)
Post log summary at:
http://www.hornucopia.com/3830score/
Mail logs to: (none)
Find rules at:
http://www.ncccsprint.com/rules.html

His Majesty the King of Spain SSB Contest
12:00 UTC 26 June to 12:00 UTC 27 June
Mode: SSB
Bands: 160, 80, 40, 20, 15 and 10 m
Classes: Single Op All Band; Single Op Single Band; Multi-Op
Exchange: EA: RS and province; non-EA: RS and serial no
Work stations: Once per band
QSO Points: (see rules)
Multipliers: Each EA province once per band; Each EA DX 100 entity, except EA, EA6, EA8, EA9, once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 15 July 2010
E-mail logs to: smreyssb[at]ure[dot]es

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Mail logs to: URE HF Contests, PO Box 220, 28080 Madrid, Spain
Find rules at:
http://www.ure.es/contest/431-sm-el-rey-contest-english-version.html

Ukrainian DX DIGI Contest
12:00 UTC 26 June to 12:00 UTC 27 June
Mode: RTTY, PSK63
Bands: 80, 40, 20, 15 and 10 m
Classes: SOAB – low or high; SOSB – low or high; MOMB
Exchange: UR: RST and 2-letter Oblast; non-UR: RST and QSO no
Work stations: Once per band per mode
QSO Points: (see rules)
Multipliers: Each DXCC country once per band per mode; Each oblast once per band per mode
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 27 July 2010
E-mail logs to: urdigi[at]izmail-dx[dot]com
Mail logs to: (none)
Find rules at: http://www.izmail-dx.com/

Marconi Memorial HF Contest
14:00 UTC 26 June to 14:00 UTC 27 June
Mode: CW
Bands: 160, 80, 40, 20, 15 and 10 m
Classes: Single Op – QRP, low or high; Multi-Op
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: RST and serial no
QSO Points: 1 point per QSO
Multipliers: Each CQ WW country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 27 July 2010
E-mail logs to:
contest[dot]marconi[at]arifano[dot]it
Mail logs to: ARI sez.di Fano, PO Box 35, 61032 FANO (PU), Italy
Find rules at:
http://www.arifano.it/Contest_Marconi.htm

ARRL Field Day
18:00 UTC 26 June to 21:00 UTC 27 June
Mode: All
Bands: All, except 30, 17 and 12 m
Classes: A: Club/nonclub portable; B: One/two person portable; C: Mobile; D: Home; E: Home-emergency power; F: EOC
Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts
Exchange: W/VE: Number of transmitters (see rules), operating class and ARRL/RAC section; DX: Number of transmitters (see rules), operating class and "DX"
Work stations: Once per band per mode
QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO
Bonus Points: see rules
Multipliers: (none)
Score Calculation: Total score = total QSO points and bonus points
Submit logs by: 27 July 2010
Post log summary at:
http://www.b4h.net/cabforms/fielddayentry.php
Mail logs to: Field Day Entries, 225 Main St., Newington, CT 06111, USA
Find rules at:
http://www.arrl.org/files/file/2010%20Rules.pdf

ARCI Milliwatt Field Day
18:00 UTC 26 June to 21:00 UTC 27 June
Mode: CW, Phone and Digital
Bands: All, except 30, 17 and 12 m
Classes: A: Club/nonclub portable; B: One/two person portable; C: Mobile; D: Home; E: Home-emergency power; F: EOC
Exchange: ARRL Field Day Operating Class and ARRL/RAC section
Work stations: Once per band per mode
QSO Points: 1 points per SSB QSO; 2 points per CW/digital QSO
Multipliers: Each ARRL section once per band
Power Mult: >5 W = x1, 1 – 5 W = x7, 250 mW – 1 W = x10, 55 – 250 mW = x15, <55 mW = x20
Score Calculation: Total score = total QSO points x total ARRL sections x power mult)
Submit logs by: 27 July 2010
E-mail logs to: contest[at]qrparci[dot]org

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Mail logs to: Milliwatt Field Day; c/o Jeff Hetherington, VA3JFF; 139 Elizabeth St. W., Welland, Ontario L3C 4M3, Canada
Find rules at:
http://www.qrparci.org/content/view/6870/118/

SARL Digital Contest
13:00 – 16:00 UTC 27 June
Mode: PSK
Bands: 40 and 2 m
Classes: Single Op All Band – low or high; Single Op Single Band – low or high; SWL
Max power: HP: 100 watts; LP: 10 watts
Exchange: RST and QSO no

QSO Points: (see rules)
Multipliers: Each ZS call area once per band; Each Southern African country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 12 July 2010
E-mail logs to:
zs6lrk[at]nwinternet[dot]za[dot]org
Mail logs to: Lichtenburg ARC; PO Box 410; Lichtenburg, 2740; South Africa
Find rules at:
http://www.sarl.org.za/public/contests/SARL%202010%20Contest%20Manual.pdf

Next Week's Contests

NCCC Sprint Ladder, 02:30 - 03:00 UTC 2 July
PODXS 070 Club 40 m Firecracker Sprint, 20:00 local 3 July to 02:00 local 4 July
DARC 10 Metre Digital Contest, 11:00 - 17:00 UTC 4 July
MI QRP July 4th CW Sprint, 23:00 UTC 4 July to 03:00 UTC 5 July
RSGB 80 m Club Championship, CW, 19:00 - 20:30 UTC 5 July
ARS Spartan Sprint, 01:00 - 03:00 UTC 6 July

This week in History
The week starting Monday 21 June 2010

1819 - The bicycle is patented by WK Clarkson, Jr of New York City
1832 - JI Howe patented the pin machine, better known as a pin maker
1834 - C McCormick patented the first practical reaper for farming
1859 - A Lanergan of Boston, MA received the first rocket patent
1863 - First gaslights come on in Adelaide, South Australia
1868 – C Sholes patents the first typewriter
1885 - C Bell and CS Tainter applied for a patent for the gramophone

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.

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